

On the Generation of Nuclei and the Mechanism
Governing the Effects of Metallic Catalysts in
the Synthesis of Artificial Diamond, by R. G. Arkhipov
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 1, July 1971, pp 55-57.
All Inst of Phys
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Mr 72

■ Thermal Ionization of Singlet Excitons in
Organic Photoconductors, by V. A. Banderskii.
RUSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 1, July 1971, pp 58-61.
AIP Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Determination of Diffusion Coefficients of
Oxygen in Metal Oxides by the IMF Method, by
V. I. El'gutin.
RUSSIAN, perer., Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 1, July 1971, pp 62-65.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Some Effects Arising From the Dispersion of
Quartz in a Disintegrator, by A. Ya Pac.
MOSCOW, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 1, July 1971, pp 66-68.
Jour Inst of Phys
Vol 16, No 7, Jan 1972

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Geophysical Information on Tunguska Peninsula
From Space Photographs, by N. A. Artamonov,
Ia., N. Ilyin, 6 pp.
PUBL. IN: Izdatelstvo Akademii Nauk SSSR, Moscow,
Vol. 119, No. 1, 1971, pp. 69-72.

CIA 71

Quasiclassical Calculation of the
Probability for Electron Transfer via
a Virtual Intermediate State of a
Bridging Group, by M. V. Vol'kenshtein.
RUSSIAN, per, Dok Akad Nauk SSSR,
Khim., Vol 199, No 1, July 1971,
pp 124-127.

CB

Feb 72

Mechanism of Formation of the Latent
Photographic Image, by E. A. Galashin.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chika, Vol 199, No 1, July 1971,
pp 128-131.

CB

Feb 72

Catalytic Properties of Aluminosilicate
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Cations, by P. M. Galish.
RUSSIAN, per, Dok Ak Nauk SSSR,
Zhur. Khim., Vol 199, No 1, July 1971,
pp 132-134.

CB

Feb 72

Increase in the Strength of Metal-filled Conducting Polymer Films Under the Influence of a Static Magnetic Field, by V. E. Oul'.
RUSSIAN, per, Dok Ak Nauk SSSR,
Khim Ghaz., Vol 199, No 1, July 1971,
pp 135-137.

OB

Web 72

Macroscopic Equations for Heisenberg Exchange in Dilute Solutions, by
V. Ya. Zitserman.
RUDNIAN, per, Dok Ak Nauk SSSR,
Phys. Chem., Vol 199, No 1, July 1971,
pp 133-141.

OB

Feb 72

Electronic Levels of the Ferrocene
Molecule in the Collective Motions
Model, by L. V. Loganson.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 1, July 1971,
pp 142-143.

CB

Feb 72

Investigation of the Kinetics of Melt
Reduction of Lao Kai Apatite, by
Le Guan Ngok.
Russian, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 1, July 1971,
pp 144-145.

CB

Feb 72

Comparative Investigation of the Role
of Hydrophobic Interaction between
the Side Group of the Substrate and
the Active Surface in Reactions in
which an Enzyme (Chymotrypsin), Syn-
thetic Polymer Catalyst, and a Nu-
cleophile, Sorbed by a Micelle, Par-
ticipate, by K. Martinok.

RUSSIAN, per, Dok Ak Nauk SSSR,
Phys-Chem., Vol 199, No 1, July 1971,
pp 149-151.

GB

Feb 72

Theory of the Determination of the
Clustering Factor, by P. I. Oshegov.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 1, July 1971,
pp 152-153.

CB

Feb 72

Formation of Thin Stable Liquid Films
on Fibres During Filtration of Fogs,
by B. P. Sadovskii.
RUSSIAN, per, Dok Ak Nauk SSSR,
Khim. Chem., Vol 199, No 1, July 1971,
pp 154-155.

OB

Feb '72

Chemisorption of Interacting Molecules
Taking into Account Interaction With
Topochemical Impurities, by V. K. Fedyanin
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 1, July 1971,
pp 156-158.

CB

Feb 72

KPK | Study of the Symmetry of Mixed
Binuclear Cu(II) Carboxylates, by
Yu. V. Iablokov.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys. Chem., Vol 199, No 1, July 1971,
pp 159-162.
CB

Feb 72

Cell Ultrastructure of Endosperm and
Sporoderm in Ovule of Common Pine
Pinus sylvestris, by G. M. Kosubov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 149, No 1, July 1971, pp 205-207.

CB

Max 72

Tissue Heat Tolerance of Planarians and
Aeolidae of Lake Ohrid in Yugoslavia,
by B. P. Ushakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 199, No 1, July 1971, pp 208-211.

CB

Mar 73

Relative Effects of Certain Factors on
the Population of the Cirripede *Balanus*
Improvisus and the Composition of a
Biocoenosis of Marine Overgrowth, by
E. P. Turpaeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 199, No 1, July 1971, pp 212-215.
CH

Mark 72

Analyisis of Radiation-Induced DNA
Breaks Rejoinable by the Action of
Polynucleotide Ligase, by I. I. Gasiev.
RUSSIAN, per, Dok Akad Nauk SSSR, Biochem.,
Vol 199, No 1, July 1971, pp 216-218.

CB

Mar '72

Sedimentational and Density Characteristics of Some Cell - And Virus-Specific Ribonucleoproteins present in Cytoplasmic Extracts of Chick Embryo Cells Infected With Newcastle Disease Virus, by V. M. Zaides.

RIBOSILO, par, Dok Ak Nauk SSSR, Biochem., Vol 199, No 1, July 1971, pp 219-221.

CB

Mar 73

Some Data on the Ribosomes of Zooflagellates, by G. M. Zaitseva.
RUSSIAN, per, Dokl Akad Nauk SSSR, Biochem.,
Vol 199, No 1, July 1971, pp 222-225.

CIB

Map 72

Triterpenoid Glycosides of Beans, by
V. Ya. Chirva.
RUSSIAN, per, DOZ Ak Nauk SSSR, Biochem.,
Vol 199, No 1, July 1971, pp 226-227.
CB

Mar 72

Nonribosomal Incorporation of amino acids
in a Cell-Free System Made From the silk
Gland of the Mulberry Silkworm, by
B. M. Mednikov,
RUSSIA, per, Dok Ak Nauk SSSR, Biochem.,
Vol. 199, No 1, July 1971, pp 228-230.
GB

Mar 72

Content of Auxins and Gibberellin - Like
Substances in Wheat Coleoptiles of
Different Ages, by T. V. Likhola.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol. 199, No 1, July 1971, pp 231-233.
CB

June 72

The Influence of Long and Short Day
Dwarf Metabolites on the Blooming of
Bryophyllum Shoots, by M. Kh. Chailakhyan.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol. 199, No 1, July 1971, pp 234-237.

OB

June 72

Neurons of Cat Retina, by E. G. Sbkol'nik.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol. 199, No 1, July 1971, pp 238-241.

CB

Mar 72

Biological Meaning of Parameters Contained in Bertalanffy's Growth Equation,
by V. E. Zaika.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 149, No 1, July 1971, pp 242-244.
CB

Mar 72

Triggering and Neurochemical Mechanisms
of Temperature Regulation in Hyperoxia,
by I. I. Antonov.
RUSSIAN, per, Dok Ak Nauk SSSR. Biol Sci.,
Vol 109, No 1, July 1971, pp 245-247.

CB

Mar 73

Theory of Vibrations of Mechanical Systems
of Limited Excitation, by K. K. Glukharev.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 285-288.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Transition Through the Zone of Self-Oscillations
of a Shaft With Inertial Forces of the Lubricant
Taken into Consideration, by A. S. Mel'zon.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 289-292.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Elements of the Theory of Plasticity, by
M. Ya. Lebedev,
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 293-295.
Am Inst of Phys
Vol 16, No 7, Jan 1972

72

Effect of the Destabilization of a Plasma in a Curved Magnetic Field, Which is Connected With the Fineness of the Electronic Electrical Conductivity, by N. D. Borisov.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199, No 3, July 1971, pp 296-298.

Am Inst of Phys

Vol 16, No 7, Jan 1972

Mar 72

Polarization of Multiplet Components in Shpol'skii
Spectra, by R. I. Personov.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 1, July 1971, pp 299-302.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mak 72

Kinetics of Binary Collisions of Metastable 3S
Helium Atoms at Low Temperatures, by I. Ya. Fugol'.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 303-305.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 32

Intensity Modulation of Laser Emission by a
Variable Magnetic Field, by V. N. Tsikunov.
ISSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 306-308.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Change in Rate Constant of Oxygen Dissociation, by
O. P. Shatalov.
RUSSIAN, per. Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 309-312.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Switching and Memory Effect at the Contact
Between a CdIn₅₄ Crystal and a Metal, by
G. B. Abdullaev,
VINITI, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 313-316.
Jpn Instn of Phys
Vol. 16, No 7, Jan 1972

Box 72

Effect of the Geometry and Grain Boundaries
on the Toughness and the Nature of Brittle
Fracture of Steel, by
V. D. Slobovskii.
UDC 537.43:621.77
per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 317-318.
In Inst of Phys
Vol 14, No 7, Jan 1972

Mar 72

Cylindrical Function of Interatomic Distances
For Liquid Crystals, by B. K. Vainshtein.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 323-326.
Ann Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Plasticine Faces and Imperfection Surfaces of
Crystals, by L. V. Skobelev.
RISSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 327-330.
All Inst. of Phys
Vol 16, No 7, Jan 1972

Mar 72

Study of Phases in Pseudobinary Systems of
the $\text{MeSiO}_3\text{-Nd}_2\text{SiO}_5$ Type (Me = Ca, Sr, Ba)
Using Infrared Spectroscopy, by A. N. Shevyakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 331-333.
An Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Crystal and Molecular Structure of A 1:1 Complex
of Dibenzene Chromium With 7, 7, 8,-Tetracyanoquino-
dimethane $[(C_6H_5)_2Cr] + C_{12}H_4N_4^-$, by R. P. Shibaeva.
RUSSIAN, plet, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 2, July 1971, pp 334-337.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Use of an NMR Method to Obtain Proof
of the Formation of Intermediate
Complexes in a Hydroperoxide-Catalyst
System, by O. M. Bulgakova.
RUSSLAN, per, Dok Ak Nauk SSSR,
Phys. Chem., Vol 199, No 2, July 1971,
pp 376-379.

CB

Feb 72

Thermodynamic Investigation of Alloys
of the System Lanthanum-Antimony by
the DSC Method, by V. I. Goryacheva.
Russian, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 2, July 1971,
pp 380-383.

OB

Feb 72

Structure of Chelates of Ni(II) With
Ortho-Hydroxyazo Compounds, by
V. A. Kogan.
RUSSIAN, per, Drk Ak Nauk SSSR,
Phys. Chem., Vol 199, No 2, February 1971,
pp 384-387.

CB

Feb 72

Reactions of Oxygen-Containing Rings
With Carbonium Salts, by E. P. Oleinik.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 2, July 1971,
pp 388-390.

CB

Feb 72

Effect of Metal Alloying on the
Mechanical Properties of Germanium,
by N. V. Pertsov.
RUSSIAN, per, Dok Ak Nauk SSSR,
Zhur Chem., Vol 199, No 2, July 1971,
pp 391-393.

GB

Feb 72

Influence of External Irradiation With
Beta Particles of the Surface of a
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Evaporation, by Yu. A. Priselkov.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 2, July 1971,
pp 394-397.

CCB

Feb 72

EPR Study of the Effect of a Glow
Discharge on the Surface of
Polytetrafluoroethylene, by N. N.
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RUSSIAN, per, Dok Akad Nauk SSSR,
Phys. Chem., Vol 199, No 2, July 1971,
pp 393-401.

CB

Feb 72

Character and Intensity of Exchange
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RUSSIAN, per, Dok Ak Nauk SSSR,
Chern Tekh., Vol 199, No 2, 1971,
pp. 402-405.
CB

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Infrared Spectroscopic Study of the
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RUBSIN, , per, Dok Ak Nauk SSSR,
Chem Tech., Vol 199, No 2, 1971,
pp 406-409.

CB

June 72

A. P. Yasyrov

Concretion Phosphorites of the Russian Platform
as an Intermediate Collector of Gold During
Placer Formation.
RUSSIAN, ser. Akademiya Nauk SSSR, Doklady, Vol 199,
1971, pp 452-455
NKC 72-601563-08G

Off. 72

Effect of Regenerating Muscle Tissue on
the Colony-Forming Ability of Bone
Marrow in the Irradiated Mouse, by
M. F. Popova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 199, No 2, July 1971, pp 457-459.

CH

Mar 72

Retention of Radiation-Induced Deformations in Vegetative Offspring of *Lemna gibba*, by V. B. Kasinov.
RUSSIAN, per, Dok Akad Nauk SSSR, Biol Sci.,
Vol 199, No 2, July 1971, pp 460-463.

CH

Mar 72

Proteolytic Sensitivity and Conformational Stability of Ox Metmyoglobin,
by E. A. Saburova.
RUSSIA, per, Dok Ak Nauk SSSR, Biophys.,
Vol. 199, No 2, July 1971, pp 464-467.

CD:

July 72

Effect of Sprouting on the 13-S Globulin
of Buckwheat Seeds, by N. I. Belovarskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem.,
Vol 199, No 2, July 1971, pp 468-469.

CB

Mar 72

Polymerase Activity of Non-histone Proteins of the Chromatin of Bone Marrow Cells, by A. I. Gaziev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 149, No 2, July 1971, pp 470-473.

CB

Mar 73

Interaction of the Hydrophobic Region
Probe 1-Anilinonaphthalene-8-Sulfonate
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RUSSIAN, per, Dok Ak Nauk SSSR, Biochem.,
vol 199, No 2, July 1971, pp 474-477.

CB

Mar 72

Effect of Diethyl Ether on the Mutual Proportions of Adenine Nucleotides in Rat Liver Mitochondria in Vivo, by K. F. Shol'ts.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol. 199, No 2, July 1971, pp 478-480.

CB

Mar 72

Glycolytic Enzymes in Growing Cells
of the Corn Root, by I. V. Zelenova.
BIOSSIM, per, Dok Ak Nauk SSSR. Bot Sci.,
Vol 199, No 2, July 1971, pp 481-484.
CB

June 72

Effect of Separate and Combined Treatment
With Chlorocholine Chloride and
Gibberellin on the Growth and Flowering
of Long-Day Species, by V. G. Kochankov.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol 196, No 2, July 1971, pp 485-488.

CB

June 72

Integration of Colonies of the Hydroid
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Reaction of the Colonies to Freezing in
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RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol. 199, No 2, July 1971, pp 489-492.
CB

MAR 72

Role of the Cerebral Cortex in Regulating the Permeability of the Blood-Brain Barrier for Ca^{45} in Irradiation With Small Doses of X Rays, by T. N. Dubrovina. RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 109, No 2, July 1971, pp 493-496.

CR

Mar 72

Potentials Induced in the Human Cortex
by Emotional Visual Stimuli, by
E. A. Kostandov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 159, No 2, July 1971, pp 497-500.
CIA

MAR 72

Biogenic Monoamines in Adrenocortical (Gyurts)
Cells of the Thyroid Gland, by
N. A. Kraevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 199, No 2, July 1971, pp 501-502.

CH

Mar 72

Development of the Causative Agent of
Sarcoasis of Marals in the Body of the
Bloodsucking Fly, by V. A. Shol'.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 199, No 2, July 1971, pp 503-504.
GB

Mar 72

Length of Critical Streamline in Flow of an
Ideal Gas Over a Class of Bodies, by A. N. Lyubimov.
ISSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 556-559.
Int Inst of Phys
Vol. 16, No 7, Jan 1972.

Mar 72

Experimental Investigation of Turbulent-To-Laminar
Transition in a Magnetohydrodynamic Flow, by
Yu. M. Cet'figat.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 560-562.

Am Inst Phys
Vol 18, No 7, Jan 1972

EX-144-73

Asymptotic Behavior of First-Order Discontinuities
of Fluid Flows With Vanishing Viscosity, by
L. S. Smibshchik.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 563-566.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar '72

Deformation of Homogeneous and Compound Anisotropic
Bodies which are Nearly Cylindrical, by
G. M. Khatiashvili.
FLUIDS, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 567-570.
Am Inst of Phys
Vol. 16, No 7, Jan 1972

Mar 72

Ellipsoidal Inhomogeneity in an Elastic Medium,
by L. A. Kunin.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys., Vol 199,
No. 3, 1971, pp 371-374.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

A Basis for Asymptotic Methods in the Theory of
the Oscillations of Nonlinear Distributed Systems, by
M. I. Rabinovich,
RUSSIAN ver, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 575-578.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Some Problems of the General Theory of Elativity
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RUSSIAN, piers, Dok Ak Nauk BSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 579-582.
Am Inst of Phys
Vol 14, No 7, Jan 1972

Mar 72

Weak Ferromagnetism of $\text{Cr}_x\text{Ti}_{2-x}\text{O}_3$ Solid Solutions

by P. V. Gelf'd.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 583-585.

Am Inst of Phys

Vol 16, No 7, Jan 1972

Mark J2

Overcoming of Local Obstructions by Dislocations
in KCl Single Crystals, by V. A. Makara.
RUBSHIAN, per., Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 586-588.
Am Inst of Phys
Vol 16, No 7, Jan 1972

Mar 72

Crystal Structure of Preobrazhenskite $3\text{MgO} \cdot 5.5 \text{B}_2\text{O}_3 \cdot 4.5 \text{H}_2\text{O} = \text{Mg}_3[\text{B}_{11}\text{O}_{14}(\text{OH})_8 \cdot \text{H}_2]$, by

I. M. Roshchina.

RUSSIAN, plen, Dok Ak Nauk SSSR, Sov Phys, Vol 199,
No 3, July 1971, pp 592-595.

Am J Phys
Vol 10, No 7, Jan 1972

Mar 72

Luminescence Centers in Insert Gas
Crystals Containing Lithium Atoms,
by A. A. Belyaeva.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys. Chem., Vol 199, No 3, July 1971,
pp 628-631.
OB

Pub 72

Thermodynamic Investigation Into alloys
of the Lanthanum-Antimony System by
the Electromotive Force Method, by
V. I. Goryacheva.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 3, July 1971,
pp 632-634.
CB

Feb 72

Diamagnetic Shielding of P^{19} Nuclei
in Tetrahedral and Octahedral Fluorides
of the Nontransition Elements, by

M. M. Gofman.

Russian, per, Dok Ak Nauk SSSR,
Zhur Chem., Vol 199, No 3, July 1971,
pp 635-637.

OB

Feb 72

Two-Frequency Measurements of the
Zero-Charge Potential, by V. V. Klkin.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 3, July 1971,
pp 635-639.

CB

Feb 72

Tunnel Effect in Electron-Transfer
Reactions in a Condensed Phase, by
K. I. Zamaraev.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys Chem., Vol 199, No 3, July 1971,
pp 640-642.

KB

Prob 72

Kinetics of, and Catalysts for, the
Condensation of Formaldehyde, by
O. V. Krylov. ¹⁷⁷
RUSSIAN, per, Dok Ak Nauk SSSR,
Khimi., Vol 199, No 3, July 1971,
Pp 643-645.
CB

MOSA-YTF-14001

Pub 72

Ionization Processes in the Ammonium
Perchlorate Flame, by V. S. Logachev.
RUSSIAN, per, Dok Akad Nauk SSSR,
Zhur. Chem., Vol 199, No 3, July 1971,
pp 646-649.

CB

Feb 72

Influence of Anion Hydration Energy
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Action of Additives in Cadmium Electro-
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RUSSIAN, per, Dok Ak Nauk SSSR,
Phys. Chem., Vol 199, No 3, July 1971,
pp 650-653.

CB

Feb 72

Complexes of Tin Tetrachloride and
Their Role in Reactions Involving
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I. V. Morosova.
RUSSIAN, per, Dok. Ak. Nauk SSSR,
Phys. Chem., Vol 199, No 3, July 1971,
pp 654-656.

CB

Feb 72

Investigation of the Molecular
Mechanism of the Mutagenic Effect of
Nitrosoalkylureas, by A. M. Serebryanyi.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys. Chem., Vol 199, No 3, July 1971,
pp 657-660.

CB

Feb 72

Kinetic of the Swelling of Polymers
Under Pressure, by L. I. Surdutovich.
RUSSIAN, per, Dok Ak Nauk SSSR,
Phys. Chem., Vol 199, No 3, July 1971,
pp 661-664.

GB

Feb '72

Acid-Base Properties and Thermodynamic
Scale of the Trans Influence in the
Chemistry of Complex Compounds of Pt(IV),
by M. O. Felin.
RUSSELM, per, Dok Ak Nauk SSSR,
Zhur. Khim., Vol 199, No 3, July 1971,
pp 663-666.
OB

Feb 72

Use of Methylglucoside for the Purification of Amylase and Some of the Properties of the Purified Enzyme, by
D. M. Belen'kii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem.,
Vol 199, No 3, July 1971, pp 708-711.

Mar 72

Effect of Aminoglycosidic Antibiotics
and of Spermidine on the Stability of
Association of Ribosomal Subunits, by
G. B. Lishnevskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem.,
Vol 199, No 3, July 1971, pp 712-714.

CB

MAR 72

Formation of a Complex of Carnosine
With NTF, by E. V. Petushkova.
RUSSIAn, per, Dok Ak Nauk SSSR, Biochem.,
Vol. 199, No 3, July 1971, pp 715-718.

CB

Mar 72

Specificity of Action of Rabbit-Liver
Neutral Oligoglucosidases, by
N. A. Tshakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem.,
Vol 199, No 3, July 1971, pp 719-721.

CB

Mar 72

Ultrastucture of Mycorrhiza of the
Garden Pea (*Pisum sativum L.*), by
M. M. Protsenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol 199, No 3, July 1971, pp 722-723.
CII

Jul 26 72

Changes in the Photosynthetic Activity
of Millet During Selection in the
Southwest USSR, by V. A. Kumakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol. 190, No 3, July 1971, pp 724-726.
CIB

June 72

Effect of Heat Hardening on the
Extractability and Heat Resistance of
Water-Soluble Proteins From Wheat
Leaves, by A. M. Shcherbakova.
RUSSIAN, per, Dok Akad Nauk SSSR. Bot Sci.,
Vol 1971, No 3, July 1971, pp 727-729.
C#

June 72

Some Characteristics of Respiratory
Regulation in Natives of High Mountain
Regions, by I. S. Breslav.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol. 199, No 3, July 1971, pp 730-732.

CH

Mar 72

Postsynaptic Potentials in Adjacent
Synapses for Some Multiply Innervated
(Tonic) Fibers in Eye Muscles, by
D. P. Matyushkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 159, No 3, July 1971, pp 733-736.

CIP

Mar 72

On the Completeness of Operations and Operating
Algorithm, by V. A. Neponyashchii, 6 pp.
REBULKA, per, Doklady Akademii Nauk SSSR,
matematika, Moscow, Vol 199, No 6, 1971, pp 730-
732.

J. R. H. (J. R. H.)

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